

Serial No.: 08/863,113
Inventor(s): Goineau et al.

U.S. PTO Customer No. 25280
Case No.: 1974A

IN THE CLAIMS

1-10. (Cancelled)

11. (Currently Amended) A process to provide a fully oriented ~~untextured~~ industrial yarn from a low molecular weight polyester partially oriented yarn comprising the steps of: providing a bobbin of low molecular weight polyester POY multifilament yarn, supplying the yarn to a heater, drawing said yarn in a draw zone in the range of 1.8 – 2.3 as it passes over the heater to produce a fully oriented, industrial yarn and supplying the fully oriented, ~~untextured~~ industrial yarn directly to a take-up roll, wherein said yarn travels along a path between the draw zone and the take-up roll with processing along said path limited to controlled conveyance tensioning.

12. (Original) The process of Claim 11 wherein said yarn is pretensioned prior to the supply of same to the draw zone.

13. (Previously Presented) The process of Claim 12 wherein said heater is operating at about a temperature of about 210°C.

14. (Original) The method of Claim 13 wherein the yarn is pretensioned with a draw ratio of 1.01.

15. (Original) The process of Claim 11 wherein said drawn yarn is supplied to a second draw zone wherein it is relaxed.

16. (Original) The process of Claim 15 wherein heat from a heater operating at about 210°C relaxes said drawn yarn.

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17. (Currently Amended) The process of fully orienting a 255 denier, 34 filament low molecular weight polyester yarn comprising the steps of: supplying a 255 denier, 34 filament low molecular weight POY yarn, heating and drawing said yarn with a draw ratio of 2.093 to produce a fully oriented ~~untextured~~ industrial yarn and taking up the fully oriented yarn.

18. (Original) The process of Claim 17 wherein the heater for said yarn is operated at a temperature of about 210°C.